

## Digital Pressure Calibrators

Hydraulic

Ideal Lab / Site Tool for checking & Calibration of Hydraulic Pressure / Differential Pressure Gauges / Switches / Transmitters / Receiver Gauges / Loops etc.

### SALIENT FEATURES

Digital Pressure Indicator with matching Hydraulic Hand Pump with Vernier Silicon Keys  
 Selectable Engineering Pressure Units  
 DC Current & Voltage Measurement  
 Switch Test capability & Zero Offset facility  
 Loop Supply Provided  
 Pressure Transducer – all Media compatible with SS316  
 Low Battery Indication  
 Auto Power Off  
 Rugged Protection Holster  
 USB Interface  
 Ingress Protection Rating : IP 52

### SPECIFICATIONS

Range	0 to 70 / 100 / 200 / 250 / 350 / 700 / 1000 bar
Accuracy	±0.05% F.S.
Display Resolution	Minimum 5 digits
Display	7 Segment FSTN (Large) Display
Engineering Units (12)	Refer Table below
mA Input	0 to 50 mA DC
Volt Input	0 to 10V DC
Resolution for mA & Volt	0.001
Process Connection	½" BSP (M)
Over Pressure Alarm	105% FS (Audio / Visual)
Battery Type	7.4 Volts Rechargeable Battery

### 7 SEGMENT CLASSIFICATION OF ENGINEERING UNITS

Range (bar)	Pressure / Engineering Units – Resolution												
	inH <sub>2</sub> O	mH <sub>2</sub> O	cmH <sub>2</sub> O	mmH <sub>2</sub> O	inHg	mmHg	Mbar	kPa	Mpa	bar	Kg/cm <sup>2</sup>	psi	
70	1	0.01	1	--	0.1	1	1	0.1	0.001	0.01	0.01	0.1	
100	1	0.1	--	--	0.1	1	--	1	0.001	0.01	0.01	0.1	
200	1	0.1	--	--	0.1	--	--	1	0.001	0.01	0.01	0.1	
250	--	0.1	--	--	0.1	--	--	1	0.001	0.01	0.01	0.1	
350	--	0.1	--	--	1	--	--	1	0.001	0.01	0.01	0.1	
700	--	0.1	--	--	1	--	--	1	0.001	0.01	0.01	1	
1000	--	1	--	--	1	--	--	--	0.01	0.1	0.1	1	

### STANDARD INCLUSIONS

- Pressure Indicator with Hand Pump
- Test Leads & Seals Kit
- Hose with End Fittings
- External Charger
- Carrying Case
- Traceable Calibration Certificate
- USB Interface
- Instruction Manual
- Set of Adaptors
  - ½" BSP(F) X ¼" BSP (M)
  - ½" BSP(F) X ¼" BSP (M)
  - ¾" BSP(F) X ¼" BSP (M)
  - ½" NPT(F) X ¼" BSP (M)
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### OPTIONAL (ADD-ON) ITEMS

- 'Calpress' Calibration Software with Cable
- Water operated Hand Pump
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED**

AN ISO 9001:2015 CERTIFIED COMPANY

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Specifications subject to change owing to continuous development. Contact us for latest Datasheet.

NIE/TDS/MPC-H/2309/00

## MPC-H

Handheld Type



Typical Photo;  
Final Product look may vary

